Sheet 1 of 2

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6,076,264	7/23/02	Wurst et al.	16		104.1			
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5,528,833	6/25/96	Sakuma	30		260	! 		
5,724,868	3/10/98	Knudsen et al	76	<u>'</u>	184.1			
4,933,058	6/12/90	Bache et al.		204	1	192.3		
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146	3,988,955	11/2/76	Engel et al.		83	6	661			
1119	5,477,616	12/26/95	Williams et al	30	:	350				
110	4,984,492	1/15/91	Gerber		30		350			
1879	4,470,895	9/11/84	Coad et al.		30	,	350			
1819	3,874,900	4/1/75	Post et al.		42		172			
(0)	4,436,830	3/13/84	Andreev et al.		50		76.1			
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